WHAT IS CLAIMED IS:

1. A color light-sensitive material having at least four light-sensitive layers of different spectral sensitivity waveforms in a visible range, with a covariance between spectral sensitivities of said at least four light-sensitive layers being no more than 0.5, and said at least four light-sensitive layers, after development processing, being colored with color materials having different spectral absorption waveforms.

2. The color light-sensitive material according to claim 1, wherein the spectral absorption waveforms of said color materials have peak wavelengths that differ from one another by at least 20 nm.

3. The color light-sensitive material according to claim 1, wherein at least one of said color materials has a spectral absorption maximum at a wavelength longer than 720 nm or shorter than 430 nm.

4. The color light-sensitive material according to claim 1, wherein said at least four light-sensitive layers include a cyan sensitive layer.

5. The color light-sensitive material according to claim 4, wherein said cyan sensitive layer has a spectral sensitivity peak in a wavelength range of 470 nm - 550 nm.

6. The color light-sensitive material according to claim 1, wherein said at least four light-sensitive layers include a red-sensitive layer, a green-sensitive layer and a blue-sensitive layer.

7. An image processing method comprising steps of:

exposing and developing a color light-sensitive material to form an image, said color light-sensitive material having at least four light-sensitive layers of different spectral sensitivity waveforms in a visible range, with a covariance between spectral sensitivities of said at least four light-sensitive layers being no more than 0.5, and said at least four light-sensitive layers, after development processing, being colored with color materials having different spectral absorption waveforms;

allowing the image formed on said color light-sensitive material to be entered by an image input device having at least four light-sensitive portions of different spectral sensitivity waveforms; and

performing color transformation on an input image

obtained by entering.

8. The image processing method according to claim 7, wherein said color transformation is performed on a basis of spectral sensitivity waveforms of said color light-sensitive material.

9. The image processing method according to claim 7, wherein the spectral absorption waveforms of said color materials have peak wavelengths that differ from one another by at least 20 nm.

10. The image processing method according to claim 7, wherein at least one of said color materials has a spectral absorption maximum at a wavelength longer than 720 nm or shorter than 430 nm.

11. The image processing method according to claim 7, wherein said at least four light-sensitive layers include a cyan sensitive layer.

12. The image processing method according to claim 11, wherein said cyan sensitive layer has a spectral sensitivity peak in a wavelength range of 470 nm - 550 nm.

13. The image processing method according to claim 7, wherein said at least four light-sensitive layers include a red-sensitive layer, a green-sensitive layer and a blue-sensitive layer.

14. An image processing apparatus comprising:

an image input device by which an image formed as a result of exposing and developing a color light-sensitive material is entered by at least four light-sensitive portions of different spectral sensitivity waveforms, said color light-sensitive material having at least four light-sensitive layers of different spectral sensitivity waveforms in a visible range, with a covariance between spectral sensitivities of said at least four light-sensitive layers being no more than 0.5, and said at least four light-sensitive layers, after development processing, being colored with color materials having different spectral absorption waveforms; and

an image converting unit for performing color transformation on an input image obtained by said image input device.

15. The image processing apparatus according to claim 14, which further includes a unit for entering spectral

sensitivities of said color light-sensitive material and wherein said image converting unit is operated on a basis of spectral sensitivity waveforms of said color light-sensitive material as entered by said spectral sensitivity input unit.

16. The image processing apparatus according to claim 14, wherein the spectral absorption waveforms of said color materials have peak wavelengths that differ from one another by at least 20 nm.

17. The image processing apparatus according to claim 14, wherein at least one of said color materials has a spectral absorption maximum at a wavelength longer than 720 nm or shorter than 430 nm.

18. The image processing apparatus according to claim 14, wherein said at least four light-sensitive layers include a cyan sensitive layer.

19. The image processing apparatus according to claim 18, wherein said cyan sensitive layer has a spectral sensitivity peak in a wavelength range of 470 nm - 550 nm.

20. The image processing apparatus according to claim 14, wherein said at least four light-sensitive layers include a red-sensitive layer, a green-sensitive layer and a blue-sensitive layer.